L	Hits	Search Text	DB	Time stamp
Number		Source Total		
1	116	nobuhara	USPAT	2003/05/28
2	6	nobuhara same hideo	USPAT;	14:13 2003/05/28
2	J	Hoburiara same mideo	US-PGPUB	14:14
3	733	(442/327,361,400,401).CCLS.	USPAT	2003/05/28
				14:15
4	2	filter and (nonwoven non-woven (non adj woven))	USPAT;	2003/05/28
		and twill and (cylinder or tub\$5) and	EPO; JPO;	14:15
	7	((442/327,361,400,401).CCLS.) filter and cartridge and nonwoven and twill	DERWENT	2003/05/28
	•	mer and cardings and nonwovon and twin		14:13
-	7	filter and cartridge and nonwoven and twill	USPAT	2002/11/15
				13:36
	6	filter and cartridge and nonwoven and twill and	USPAT	2002/11/15 13:37
_	9	(cylinder or tub\$5) filter and cartridge and nonwoven and twill and	USPAT;	2003/05/27
		(cylinder or tub\$5)	EPO; JPO;	13:10
		,	DERWENT	[· ·
-	122	filter and (nonwoven non-woven (non adj woven))	USPAT;	2003/05/28
		and twill and (cylinder or tub\$5)	EPO; JPO; DERWENT	14:15
	938	kabushiki and kaisha and takano	USPAT;	2003/05/27
}	, , ,		EPO; JPO;	13:11
			DERWENT	
-	130	kabushiki and kaisha and takano and filter	USPAT;	2003/05/27
			EPO; JPO; DERWENT	13:12
_	25	 "5225014"	USPAT;	2003/05/27
			EPO; JPO;	13:12
			DERWENT	
-	13	"313920"	USPAT;	2003/05/27
	:		EPO; JPO; DERWENT	13:25
_	16	takano and wada and yoneji	USPAT;	2003/05/27
			EPO; JPO;	13:25
			DERWENT	
-	28	filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5)	USPAT; EPO; JPO;	2003/05/27 13:31
		woverijj and twin and (cynnder or tubpoj	DERWENT	10.01
_	12	filter.ab. and (nonwoven non-woven (non adj	USPAT;	2003/05/27
		woven)) and twill and (cylinder or tub\$5) and	EPO; JPO;	13:42
		(melt or melt\$5)	DERWENT	0003705708
-	0	filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and	USPAT; EPO; JPO;	2003/05/28 09:49
		(melt or melt\$5) and (bi-component	DERWENT	
		multi-component bicomponent multicomponent)	
		(core near5 sheath))		0000/05/05
-	14	filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (melt or	USPAT; EPO; JPO;	2003/05/27 13:44
		melt\$5) and (bi-component multi-component	DERWENT	19,11
		bicomponent multicomponent (core near5		
		sheath))		
-	16	, , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/05/27
		and twill and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component	US-PGPUB; EPO; JPO;	13:45
		bicomponent multicomponent (core near5	DERWENT	

sheath))

		(1 1 1	LICDAT.	2002/05/27
-	16	filter and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and twill and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 13:46
-	845	multicomponent (core near5 sheath)) filter and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and (bi-component multi-component bicomponent multicomponent	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 13:46
_	142	(core near5 sheath)) filter.ab. and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and	USPAT; US-PGPUB; EPO; JPO;	2003/05/27 13:48
-	55	(bi-component multi-component bicomponent multicomponent (core near5 sheath)) filter.ab. and (nonwoven non-woven (non adj woven) web or webbing or mat or matting) and (cylinder or tub\$5) and (melt or melt\$5) and	USPAT; US-PGPUB; EPO; JPO;	2003/05/27 14:27
		(bi-component multi-component bicomponent multicomponent (core near5 sheath)) and (wind\$5 or wound\$4)	DERWENT	0002/05/07
	10	"518614"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 14:28
-	4	"6090731"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 14:30
-	6	6090731.pn. 5721180.pn. 5652041.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/05/27 14:30
-	3	6090731.pn. 5721180.pn. 5652041.pn.	USPAT; US-PGPUB; EPO	2003/05/27 14:30
-	1	filter.ab. and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent	USPAT; EPO; JPO; DERWENT	2003/05/28 09:51
-	20	multicomponent (core near5 sheath)) filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent multicomponent (core near5 sheath))	USPAT; EPO; JPO; DERWENT	2003/05/28 11:00
-	22	filter and (nonwoven non-woven (non adj woven)) and twill and (cylinder or tub\$5) and (bi-component multi-component bicomponent	USPAT; US-PGPUB; EPO; JPO;	2003/05/28 10:34
-	3	multicomponent (core near5 sheath)) "4045810"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/05/28 10:19
-	25	"101957"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/05/28 10:19
-	О	"90150284"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/05/28
			DERWENT	

	200	cartridge and filter and nonwoven and porous and	USPAT;	2003/05/28
-	202	cartridge and filter and nonwoven and porous and cylinder	US-PGPUB;	10:34
}		Cymidei	EPO; JPO;	20.0
			DERWENT	
1	78	filter and (nonwoven non-woven (non adj woven))	USPAT;	2003/05/28
] -	/	and twill and (cylinder or tub\$5) and	US-PGPUB;	10:44
		(bi-component multi-component bicomponent	EPO; JPO;	
		multicomponent (core near5 sheath) composite)	DERWENT	
1	40	filter and (nonwoven non-woven (non adj woven))	USPAT;	2003/05/28
_	40	and twill and (cylinder or tub\$5) and perforat\$5	US-PGPUB;	10:49
1		and twin and joynitude of thomos and perioratio	EPO; JPO;	
			DERWENT	
<u>-</u>	43	filter\$5 and (nonwoven\$3 non-woven\$3 (non adj	USPAT;	2003/05/28
		woven\$3)) and twill and (cylinder or tub\$5) and	US-PGPUB;	10:55
		perforat\$5	EPO; JPO;	
		,	DERWENT	
_	1	"2521055".PN.	USPAT	2003/05/28
	}			10:54
	1	"2689813".PN.	USPAT	2003/05/28
				10:54
-	1	"3061107".PN.	USPAT	2003/05/28
				10:54
_	440	(210/497.1).CCLS.	USPAT	2003/05/28
{				10:56
-	О	("14 and (nonwoven non-woven (non adj woven))	USPAT	2003/05/28
		and twill and (cylinder or tub\$5) and		11:01
İ		(bi-component multi-component bicomponent		
}		multicomponent (core near5 sheath))").PN.		
-	0	((210/497.1).CCLS.) and (nonwoven non-woven	USPAT	2003/05/28
		(non adj woven)) and twill and (cylinder or tub\$5)		11:01
}		and (bi-component multi-component bicomponent		
}	_	multicomponent (core near5 sheath))	HIGDAM	0000/05/00
-	2	((210/497.1).CCLS.) and (nonwoven non-woven	USPAT	2003/05/28
	_	(non adj woven)) and twill	TIODAM	11:03
] -	1	"2201628".PN.	USPAT	2003/05/28
1		"0604004" PN	USPAT	11:02
-	1	"2604994".PN.	OSFAI	2003/05/28 11:02
*	1	"2697524".PN.	USPAT	2003/05/28
j -	1	209/32T .F.W.	JULIA	11:02
	1	"2816663".PN.	USPAT	2003/05/28
_		2010000 .111.	J. 1111	11:02
-	1	"2863561".PN.	USPAT	2003/05/28
	•			11:02
+	1	"3398834".PN.	USPAT	2003/05/28
ļ				11:03
-	1	"3537592".PN.	USPAT	2003/05/28
1	{			11:03
-	1	"4632755".PN.	USPAT	2003/05/28
1				11:03
-	1	"4642182".PN.	USPAT	2003/05/28
1	Į			11:03
-	4	filter and (nonwoven non-woven (non adj woven))	EPO; JPO;	2003/05/28
		and twill and (cylinder or tub\$5)	DERWENT	11:11
-	4	filter\$5 and (nonwoven non-woven (non adj	EPO; JPO;	2003/05/28
		woven)) and twill and (cylinder or tub\$5)	DERWENT	11:11
-	4	filter\$5 and (nonwoven non-woven (non adj	EPO; JPO;	2003/05/28
ł	}	woven) web webbing mat sheet\$5) and twill and	DERWENT	11:25
	L	(cylinder or tub\$5)	l	<u> </u>

-	250	filter\$5 and (nonwoven non-woven (non adj	USPAT;	2003/05/28
ł	1	woven) web webbing mat sheet\$5) and twill and	EPO; JPO;	11:26
	1	(cylinder or tub\$5)	DERWENT	}
	62	filter\$5 and (nonwoven non-woven (non adj	USPAT;	2003/05/28
ļ	}	woven) web webbing mat sheet\$5) and twill and	EPO; JPO;	11:26
1		(cylinder or tub\$5) and perforat\$5	DERWENT	